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What is claimed is:

1. A compressor comprising:

a cylinder block having a plurality of cylinder bores and a first muffler chamber, the first muffler chamber being formed within said cylinder block in a space between the cylinder bores;

a chamber housing being secured to one end of said cylinder block, said chamber housing having at least a pair of a suction chamber and a discharge chamber located near each of the cylinder bores, the discharge chamber communicating with the first muffler chamber;

a drive shaft rotatably supported in said cylinder block;

a piston disposed in each of the cylinder bores for compressing gas to generate compressed gas; and

a cam mechanism for converting rotation of said drive shaft to reciprocating movement of said piston.

- 2. The compressor according to claim 1, wherein said cam mechanism includes a swash plate placed on said drive shaft.
- The compressor according to claim 2, wherein said swash plate 3. is fixedly placed on said drive shaft.
- 4. The compressor according to claim 2, wherein said swash plate 25 is inclinably placed on said drive shaft.
 - The compressor according to claim 1, wherein said cam 5. mechanism includes a wobble plate placed on said drive shaft.
- 30 6. The compressor according to claim 1, wherein said chamber housing having a second muffler chamber therein, and wherein the second muffler chamber communicates with the first muffler

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chamber.

7. The compressor according to claim 6, wherein a plurality of the discharge chambers is defined, and wherein the discharge chambers communicate with each other.

- 8. The compressor according to claim 1, wherein a plurality of the discharge chambers is defined, and wherein the discharge chambers communicate with each other.
- 9. The compressor according to claim 1, wherein a plurality of the first muffler chambers is formed.
- 10. The compressor according to claim 9, wherein the first muffler chambers communicate with each other.
- 11. The compressor according to claim 1, wherein carbon dioxide is used as a refrigerant.
- 20 12. The compressor according to claim 1, wherein said piston compresses the gas at only one end of the cylinder bore.
 - 13. The compressor according to claim 12, wherein said drive shaft is rotated by a motor.
 - 14. The compressor according to claim 12, wherein said drive shaft is operably connected to a vehicle engine through a clutch mechanism.
- 30 15. The compressor according to claim 1, wherein said piston compresses the gas at both ends of the cylinder bore.

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- 16. A compressor comprising:
- a cylinder block having a plurality of cylinder bores and a first muffler chamber, the first muffler chamber being formed within said cylinder block in a space between the cylinder bores;
- a chamber housing being secured to one end of said cylinder block, said chamber housing having at least a pair of a suction chamber and a discharge chamber that is located near each of the cylinder bores and a second muffler chamber which is contiguous with the first muffler chamber and communicates with the first muffler chamber, the discharge chamber communicating with a pair of the first and second muffler chambers;
 - a drive shaft rotatably supported in said cylinder block;
- a piston disposed in each of the cylinder bores for compressing gas to generate compressed gas; and
- a cam mechanism for converting rotation of said drive shaft to reciprocating movement of said piston.
- 17. The compressor according to claim 16, wherein a plurality of the discharge chambers is defined, and wherein the discharge chambers communicate with each other.
- 18. The compressor according to claim 16, wherein a plurality of pairs of the first and second muffler chambers is formed.
- 25 19. The compressor according to claim 18, wherein the pairs of the first and second muffler chambers communicate with each other.
 - 20. The compressor according to claim 16, wherein said piston compresses the gas at only one end of the cylinder bore.
 - 21. The compressor according to claim 16, wherein carbon dioxide is used as a refrigerant.